

ABSTRACT

A product (1), in particular a gas-turbine blade (1), has a metallic basic body (2) to which a protective layer (3, 4) for protecting against corrosion is bonded. The protective layer (3, 4) has an inner layer (3) of a first MCrAlY alloy and an outer layer (4) having a second MCrAlY alloy, which is bonded to the inner layer (3). The second MCrAlY alloy is predominantly in the γ -phase and includes 24% to 26% by weight of cobalt. According to a process for producing a protective layer (3, 4), the outer layer (4) is produced by re-melting a region of the inner layer (3) or by deposition of an MCrAlY alloy from a liquid phase.